L Number	Hits	Search Text	DB	Time stamp
1	2	WO-9636436-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 09:58
2	120	(LED or (light near3 emi$5 near3 diode)) same bragg same (refract$ near3 ind$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 09:59

| 16 | 175 | (US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$).did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$).did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or | USPAT; US-PGPUB; EPO; DERWENT | 2004/09/29 12:14 |

US-20040207255-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030103390-$ or US-20030059855-$ or

Search History   9/29/04

C:\APPS\east\workspaces\

| 17 | 18 | ((US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$).did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$).did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/29 12:15 |

US-20030207254-$ or
US-20030207253-$ or US-20030113766-$ or

US-20030059390-$ or US-20030059855-$ or

| 19 | 60 | ((US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$).did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$).did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/29 12:54 |

US-20030207254-$ or US-20030207254-$ or US-20030207253-$ or US-20030113766-$ or US-20030101390-$ or US-20030059855-$ or

| 20 | 29 | ((US-6785433-$ or US-5089387-$ or US-6751387-$ or US-6694067-$ or US-6542673-$ or US-6506342-$ or US-6096496-$ or US-6483096-$ or US-6436651-$ or US-6434298-$ or US-6399295-$ or US-6395558-$ or US-6350413-$ or US-6317528-$ or US-6312961-$ or US-6289144-$ or US-6078705-$ or US-6035082-$ or US-6005691-$ or US-5994150-$ or US-5961924-$ or US-5832165-$ or US-5822472-$ or US-5814565-$ or US-5745615-$ or US-5646400-$).did. or (US-5455178-$ or US-5446534-$ or US-5210404-$ or US-5172250-$ or US-5113286-$ or US-5082629-$ or US-4892385-$ or US-4815843-$ or US-4767719-$ or US-4576439-$ or US-6591054-$ or US-5903340-$ or US-5770455-$ or US-5565324-$ or US-6365907-$ or US-5841555-$ or US-5627663-$ or US-5066133-$ or US-4568141-$ or US-6586193-$ or US-6579673-$ or US-6352828-$ or US-6280935-$ or US-6268222-$ or US-6251691-$ or US-6235475-$ or US-6214560-$).did. or (US-6172218-$ or US-6172214-$ or US-6150516-$ or US-5846719-$ or US-5352582-$ or US-5780231-$ or US-6469785-$ or US-6087655-$ or US-5793485-$ or US-5784157-$ or US-5608519-$ or US-5071248-$ or US-4876208-$ or US-6093536-$ or US-5100238-$ or US-4647544-$ or US-6437345-$ or US-5922550-$ or US-RE33581-$ or US-5118608-$ or US-5081012-$ or US-5003600-$ or US-4931384-$ or US-4880752-$ or US-4023010-$ or US-4011435-$ or US-5742432-$).did. or (US-5729365-$ or US-5506674-$ or US-5442433-$ or US-5394234-$ or US-5374816-$ or US-5300764-$ or US-5291027-$ or US-6314220-$ or US-6292282-$ or US-6221579-$ or US-6087186-$ or US-6060256-$ or US-6036807-$ or US-5925878-$ or US-5671308-$ or US-6346376-$ or US-5989923-$ or US-5478527-$ or US-5156810-$).did. or (US-20040179267-$ or US-20040179266-$ or US-20040132172-$ or US-20040130786-$ or US-20040130761-$ or US-20040125424-$ or US-20040075907-$ or US-20040022475-$ or US-20030231818-$ or US-20030215185-$ or US-20030138207-$ or US-20030133640-$ or US-20020141702-$ or US-20020076154-$ or US-20020041724-$ or US-20020041723-$ or US-20040130760-$ or US-20040021945-$ or US-20030219205-$ or US-20020196994-$ or US-20020191913-$ or US-20040181344-$ or US-20020127565-$ or US-20040126875-$ or US-20040038307-$ or US-20030207258-$).did. or (US-20030207257-$ or | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/29 12:56 | |

US-20030207255-$ or US-20030207254-$ or
US-20030207253-$ or US-20030113766-$ or
US-20030104390-$ or US-20030059855-$ or

-	232	(359/2).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:06
-	903	(359/566).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:06
-	676	(359/569).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:06
-	325	(359/558).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:06
-	278	(359/571).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:06
-	330	(359/572).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:06
-	658	(356/72).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:06
-	1888	(356/73.1).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:07
-	1385	(385/12).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:07
-	820	(385/128).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:07

-	2621	(385/37).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:07
-	72	(250/559.04).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:07
-	55	(250/559.11).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:07
-	680	(250/559.4).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:07
-	629	(250/227.14).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:07
-	152	(250/227.29).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:08
-	669	(250/566).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:08
-	329	(250/568).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:08
-	203	(235/473).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:08
-	5177	(435/4).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:08

	922	(435/288.7).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:08
-	710	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 11:35
-	575	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 11:35
-	2	("5,089,387").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/26 19:53
-	17759	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 10:48

-	298	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 11:37
-	29	("4539507" | "4833092" | "5034613" | "5136572" | "5141671" | "5214409" | "5252962" | "5257011" | "5266926" | "5351052" | "5405709" | "5409783" | "5434878" | "5438878" | "5448582" | "5503805" | "5558904" | "5565324" | "5604097" | "5641634" | "5751629" | "5770358" | "5770455" | "5840485" | "5874214" | "5903340" | "5981180" | "6043023" | "6096494").PN.	USPAT	2004/09/27 11:23
-	26495	(435/6).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 11:34
-	168	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 11:58

-	76	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 12:03
-	154	((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 12:12
-	0	WO-02061429-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 12:12
-	0	WO-0261429-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 12:12
-	0	WO-2002061429-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 12:12
-	1	WO-200261429-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 12:17
-	2	("20020127565").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 12:18
-	19	("4539507" | "4833092" | "5034613" | "5136572" | "5141671" | "5214409" | "5252962" | "5257011" | "5266926" | "5351052" | "5405709" | "5409783" | "5438878" | "5448582" | "5558904" | "5565324" | "5641634" | "5751629" | "5770455").PN.	USPAT	2004/09/27 13:28

-	85	(((435/6).CCLS.) and ((diffract$ or bragg or hologra$) near3 grating) and (substrate or (optic$4 near3 fiber)) and (chemical or species or assay)) and (refract$ near3 ind$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 14:28
-	9	((435/6).CCLS.) and (((bragg) near3 (grating or reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 13:34
-	6	((435/6).CCLS.) and (((bragg) near3 (reflect$)) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 14:02
-	77	((435/6).CCLS.) and ((((diffract$ or bragg or hologra$) near3 grating) same (substrate or (optic$ near3 (fiber or waveguide)))) and (id or identif$ or code or information or authent$) and ((bind$3 or attach$4 or connect$3 or bound$3) with (chemical or element or species or assay or ion or molecule or atom$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 14:02
-	333	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (bragg near3 (grating or mirror or reflect$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 17:04
-	234	((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (bragg near3 (grating or mirror or reflect$))) and (refract$ near3 ind$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 14:29
-	241	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating with (refract$ near3 ind$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 17:31
-	66	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating with (refract$ near3 ind$4) with (vary$3 or varia$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 17:07
-	150	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag$4 or label$4 or cod$3 or encod$3) and (grating near3 refract$ near3 ind$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 17:49

-	2	((fiber or bragg or phase) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 17:52
-	32	grating with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 18:13
-	539	grating with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (substrate or film or layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 18:14
-	61	((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4) with (substrate or film or layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 18:22
-	343	(((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 18:23
-	2	(((((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$) and (refract$ near3 ind$4) and assay	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 18:23
-	2	(((((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and combinat$) and assay	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 18:23
-	2	(((bragg or phase or fiber) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and assay$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 18:24
-	5	(((bragg or phase or fiber or hologra$) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4)) and assay$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 18:25
-	9	(((bragg or phase or fiber or hologra$) near3 grating) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$)) and assay$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/27 18:29

-	93	((bragg or phase or fiber or hologra$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 09:03
-	37374	((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:27
-	4343	(((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:10
-	344	((((bragg or phase or fiber or hologra$) near3 grating) or ((vary$ or varia$) with refract$ with ind$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))) and (assay$3 or combinator$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:11
-	22407	((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:10
-	2786	(((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:11
-	249	((((bragg or phase or fiber or hologra$ or volume) near3 grating) or (period$ with refract$ with ind$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$))) and (assay$3 or combinator$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:12
-	167547	(index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:22

-	6664	((index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:22
-	140	(((index$ or address$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract$ near3 ind$4) and (assay or combinator$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:40
-	1	("re37473").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:41
-	1	("re37891").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:41
-	1	("re33581").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:42
-	76	(("3968476") or ("4011435") or ("4023010") or ("4053228") or ("4131337") or ("4386274") or ("4445229") or ("4560881") or ("4562157") or ("4647544") or ("4678752") or ("4685480") or ("4740688") or ("4748110") or ("4767719") or ("4816659") or ("4841140") or ("4877747") or ("4880752") or ("4882288") or ("4921805") or ("4931384") or ("4958376") or ("4992385") or ("5003600") or ("5033826") or ("5067155") or ("5081012") or ("5089387") or ("5095194") or ("5100238") or ("5115121") or ("5118608") or ("5138468") or ("5141848") or ("5144461") or ("5166813")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 11:59

-	97	((''5196350'') or (''5200794'') or (''5291006'') or (''5291027'') or (''5300764'') or (''5310686'') or (''5349442'') or (''5352582'') or (''5364797'') or (''5374816'') or (''5374818'') or (''5394234'') or (''5442433'') or (''5448659'') or (''5461528'') or (''5461475'') or (''5465176'') or (''5468649'') or (''5506674'') or (''5514785'') or (''5528045'') or (''5547849'') or (''5585639'') or (''5607188'') or (''5621515'') or (''5627040'') or (''5627663'') or (''5633724'') or (''5663790'') or (''5667976'') or (''5721912'') or (''5721435'') or (''5729365'') or (''5736330'') or (''5742432'') or (''5759778'') or (''5760961'') or (''5766956'') or (''5793502'') or (''5798273'') or (''5799231'') or (''5801857'') or (''5804384'') or (''5822472'') or (''5824478'') or (''5824557'') or (''5831698'') or (''5837475'') or (''5841555'')).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:18
-	4	((''5451528'') or (''5712912'')).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:19
-	96	((''5846737'') or (''5874187'') or (''5895750'') or (''5922550'') or (''5925562'') or (''5925878'') or (''5945679'') or (''5986838'') or (''5989923'') or (''5998796'') or (''6001510'') or (''6017754'') or (''6025129'') or (''6025283'') or (''6036807'') or (''6043880'') or (''6046925'') or (''6049727'') or (''6057107'') or (''6060256'') or (''6067167'') or (''6067392'') or (''6078048'') or (''6087186'') or (''6096496'') or (''6097485'') or (''6103535'') or (''6118127'') or (''6160240'') or (''6160656'') or (''6164548'') or (''6165592'') or (''6165648'') or (''6194563'') or (''6218194'') or (''6221579'') or (''6229635'') or (''6259450'') or (''6268128'') or (''6284459'') or (''6292282'') or (''6292319'') or (''6301047'') or (''6304263'') or (''6306587'') or (''6309601'') or (''6312961'') or (''6313771'') or (''6314220'') or (''6319668'')).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:22
-	72	((''6322932'') or (''6329963'') or (''6331273'') or (''6352854'') or (''6355198'') or (''6371370'') or (''6372428'') or (''6399295'') or (''6406841'') or (''6406848'') or (''6416714'') or (''6417010'') or (''6428707'') or (''6428957'') or (''6433849'') or (''6436651'') or (''6489606'') or (''6496287'') or (''6506342'') or (''6515753'') or (''6522406'') or (''6524793'') or (''6533183'') or (''6560017'') or (''6565770'') or (''6592036'') or (''6594421'') or (''6609728'') or (''6613581'') or (''6618342'') or (''6622916'') or (''6628439'') or (''6632655'') or (''6635470'') or (''6678429'') or (''6689316'') or (''6692912'')).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:48

-	12	(("20020090650") or ("20030129654") or ("20020022273") or ("20030138208") or ("20030032203") or ("20030021003")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:52
-	4	(("5671308") or ("6340588")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:52
-	4262	(436/518).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:59
-	742	(436/524).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:58
-	524	(436/525).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:58
-	627	(436/526).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:58
-	786	(436/527).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:58
-	940	(436/528).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:59
-	1346	(436/531).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:59
-	6123	((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 12:59

-	144	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract$ near3 ind$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 13:00
-	226	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 13:49
-	442	(modulat$ with refract$ with ind$4 with grating) and (embed$ or encod$3 or cod$3 or tag$4 or label$4 or identif$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/28 13:51
-	34	(modulat$ with refract$ with ind$4 with grating) and (assay$3 or combinator$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/29 09:49